30" Flat TV

30PF9946

**Test leaflet**

# Superior picture quality

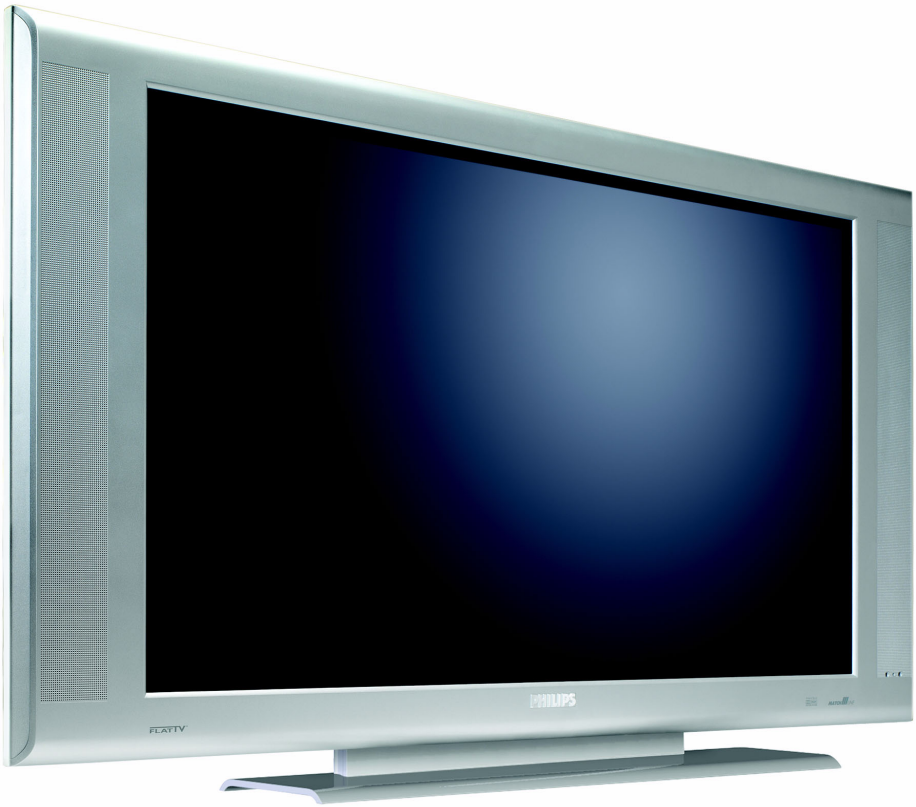
## with latest high definition LCD display

An elegantly designed TV that you can hang on the wall is now a reality. This Flat TV delivers best-in-class picture quality for your home entertainment set-up.

**Vivid, natural and razor sharp images**
- High-definition LCD WXGA display, 1280 x 768p
- Digital Crystal Clear provides vivid cinema-like images
- Progressive Scan for razor-sharp and flicker free images
- Active Control with Light Sensor optimizes picture quality

**Superb sound reproduction**
- Virtual Dolby Surround for a cinema-like audio experience

**Multi-purpose convenience**
- PC input lets you also use your TV as a PC monitor
- View PC content in a second window on your TV
- Twin page teletext allows simultaneous viewing of two pages
- 10 pages Smart Text for fast access to teletext.




MATCH LINE

PHILIPS

# 30" Flat TV

# 30PF9946/12

**Test leaflet**

## Technical specifications

### Picture/Display
- Aspect ratio: 15:9
- Brightness: 450 cd/m²
- Contrast ratio: 350:1
- Diagonal screen size: 30 in / 76 cm
- Display screen type: LCD WXGA Active Matrix TFT
- Picture enhancement: Digital Crystal Clear, Progressive Scan, Comb Filter Digital, Active Control + Light sensor, 3/2 - 2/2 motion pull down, Widescreen Plus
- Screen enhancements: Anti ageing circuit, Anti-Reflection coated screen
- Viewing angle (horizontal): 176 degree
- Panel resolution: 1280 x 768p
- Response time: 12 ms

### Supported Display Resolution

| Resolution | Refresh rate |
|---|---|
| • Computer formats | |
| 640 x 480 | 60, 67, 72, 75Hz |
| 800 x 600 | 56, 60, 72, 75Hz |
| 1024 x 768 | 60, 70, 75Hz |
| • Video Formats | |
| 640 x 480p | 2Fh |

### Sound
- Sound Enhancement: Smart Sound
- Sound System: Virtual Dolby Surround
- Output power (RMS): 2 x 15W

### Loudspeakers
- Built-in speakers: 2

### Convenience
- Ease of Installation: Auto Volume Leveler, Autostore, PLL Digital Tuning, Plug & Play
- Ease of Use: On Screen Display, Smart Picture Control, Top Controls
- Remote control type: RC4333
- Teletext: 10 page Smart Text
- Picture in Picture: Twin page text
- Remote Control: Multi-functional
- Screen Format Adjustments: 6 Widescreen Modes, Auto Format, Subtitle and Heading Shift

### Tuner/Reception/Transmission
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL, SECAM
- Video Playback: NTSC, PAL, SECAM
- Aerial Input: 75 Ohm coaxial (IEC75)

### Connectivity
- Ext 1 Scart: CVBS In/Out, RGB
- Ext 2 Scart: CVBS In/Out, Y/C
- Other connections: Analog audio Left/Right out, Antenna IEC75, PC-in VGA + Audio L/R in

### Power
- Power Consumption: 156 W
- Standby power consumption: < 3 W
- Mains power: AC 220 - 240 V +/- 10%
- Ambient temperature: +5 -/+ 40 C

### Dimensions
- Product weight: 18 kg
- Weight incl. Packaging: 23 kg

### Accessories
- Included Accessories: Table top stand, Wall mounting bracket
- Optional accessories: Floor stand

## Product highlights

**LCD WXGA display, 1280 x 768p**
*This WXGA display with state-of-the-art LCD screen technology gives you HD resolution of 1280 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.*

**Digital Crystal Clear**
*Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color and sharpness levels. It's like watching vivid cinema-like images.*

**Progressive Scan**
*Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending a field comprising the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is created instantaneously, using the maximum resolution. At such a speed, your eye perceives a sharper picture with no line structure.*

**Active Control + Light Sensor**
*Active Control is a unique and intelligent way of optimizing picture quality by measuring and analyzing the incoming signal to automatically adjust picture quality settings. Active Control with Light Sensor uses a sensor to adjust the picture brightness depending on the room light conditions.*

**Virtual Dolby Surround**
*Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround means you experience total surround with greater depth and width of sound without the use of additional speakers.*

**PC input**
*With PC input you can connect your TV to a computer and use the TV as a PC monitor.*

**Picture in Graphics**
*Picture-in-Graphics is a small window in the main picture, allowing to watch data/graphics in your main TV screen. It provides the ability to simultaneously watch data/graphics and the TV.*

**Twin page teletext**
*Twin page teletext allows you to simultaneously view two teletext pages side by side*

**10 page Smart Text**
*The teletext is a common system transmitted by most broadcasters. The 10 page smart text feature gives you fast access to information when changing pages.*

Date of issue 2005-03-09
Product Owner: Jasmin Bechler
Marketing version: 15.0

12 NC: 8670 000 20572
EAN: 87 10895 81865 0

Test leaflet, for internal use only!
Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.
© 2005 Koninklijke Philips Electronics N.V.
All Rights reserved.
**www.philips.com**